US005747536A

United States Patent [19]

Cavazza

[11] Patent Number: 5,747,536

[45] Date of Patent: May 5, 1998

[54] **PHARMACEUTICAL COMPOSITION COMPRISING L-CARNITINE OR DERIVATIVE THEREOF AND TRIHYDROXY OR TETRAHYDROXYSTILBENE**

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[21] Appl. No.: **726,302**

[22] Filed: **Oct. 2, 1996**

[30] **Foreign Application Priority Data**

Oct. 17, 1995 [IT] Italy RM95A0687

[51] **Int. Cl.**[6] **A61K 31/205**; A61K 31/05

[52] **U.S. Cl.** **514/556**; 514/733; 514/822; 514/824; 514/866

[58] **Field of Search** 514/556, 733, 514/822, 824, 866

[56] **References Cited**

U.S. PATENT DOCUMENTS

5,037,851	8/1991	Cavazza .
5,043,355	8/1991	Cavazza .
5,145,871	9/1992	Cavazza .
5,173,508	12/1992	Cavazza .
5,192,805	3/1993	Cavazza .
5,227,518	7/1993	Cavazza .
5,270,472	12/1993	Taglialatela et al. .
5,430,065	7/1995	Cavazza .
5,432,199	7/1995	Cavazza .
5,534,549	7/1996	Tinti et al. .
5,543,556	8/1996	Tinti et al. .
5,547,986	8/1996	Tinti et al. .

OTHER PUBLICATIONS

CA 120:153363, Bertelli et al., 1993.
CA 117:128195, Chung et al., 1992.
CA 123:275569, Bertelli et al., 1995.

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[57] **ABSTRACT**

The coordinated therapeutic use of L-carnitine, lower alkanoyl L-carnitines or the pharmacologically acceptable salts thereof with resveratrol, resveratrol derivatives or resveratrol-containing natural products is disclosed for producing a medicament for the prophylaxis and treatment of cardiovascular disorders, peripheral vascular diseases and peripheral diabetic neuropathy.

20 Claims, No Drawings